



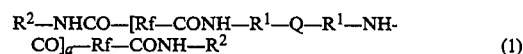
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**United States Patent** [19]

Kishita et al.

[11] **Patent Number:** **5,380,811**[45] **Date of Patent:** **Jan. 10, 1995**[54] **FLUORINE-CONTAINING  
ORGANOPOLYSILOXANE COMPOSITION**[75] **Inventors:** Hirofumi Kishita; Shinichi Sato, both  
of Annaka; Noriyuki Koike, Yoshii;  
Takashi Matsuda, Annaka, all of  
Japan[73] **Assignee:** Shin-Etsu Chemical Co., Ltd., Tokyo,  
Japan[21] **Appl. No.:** 70,223[22] **Filed:** Jun. 2, 1993[30] **Foreign Application Priority Data**Jun. 2, 1992 [JP] Japan ..... 4-167026  
Jun. 17, 1992 [JP] Japan ..... 4-183168[51] **Int. Cl.<sup>6</sup>** ..... C08L 83/14; C08L 83/12[52] **U.S. Cl.** ..... 528/15; 528/28;  
528/31; 528/32; 528/41; 528/42; 525/431;  
556/419[58] **Field of Search** ..... 528/15, 28, 31, 32,  
528/41, 42; 556/419; 525/431[56] **References Cited****U.S. PATENT DOCUMENTS**3,969,310 7/1976 Itoh et al. .  
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*Primary Examiner*—Melvyn I. Marquis*Assistant Examiner*—Helen F. Lee*Attorney, Agent, or Firm*—Oblon, Spivak, McClelland,  
Maier & Neustadt[57] **ABSTRACT**A room temperature curable fluorine-containing or-  
ganopolysiloxane composition comprising:(A) a fluorine-containing organosilicon compound  
having the general formula (1):

wherein a is an integer of 0 or more, Rf is a divalent  
perfluoroalkylene group or a divalent per-  
fluoropolyether group, R<sup>1</sup> is a divalent hydrocar-  
bon group, R<sup>2</sup> is a monovalent aliphatic unsatu-  
rated group-containing hydrocarbon group, and Q  
is a divalent siloxane group

(B) a hydrogenorganopolysiloxane containing at least  
two Si—H groups in its molecule, and(C) a platinum family metal catalyst. The cured prod-  
uct of this composition exhibits good solvent resis-  
tance against non-polar solvents as well as polar  
solvents, in addition to good chemical resistance,  
heat resistance, release properties and water repel-  
lency.**8 Claims, No Drawings**